Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_

**Chapter 1 Review\_Classwork**

1. $Evaluate 7y+x^{2}÷2 when x=8 and y=-2$
2. $Evaluate the expression \frac{xy}{z} when x=8, y=-1, and z= 8$
3. $Evalaute the expression \frac{z-2x}{y}=when x=3, y=-2, and z=-12$
4. $Solve for x, \frac{x}{3^{2}}=1(-4)$
5. Solve for $c^{2} when c=-5$

**7th grade BACK 🡪**

1. $Find the mean of the integers. -8, -10, 42, -35, 31$. To find the mean you add all the values together and divide by the number of values you have.
2. The table shows the weekly profits of a fruit vendor. What is the mean profit for these weeks?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week** | 1 | 2 | 3 | 4 |
| **Profit** | -$234 | -$46 | $95 | $377 |

1. You return several shirts to a store. The receipt shows that the amount placed back on your credit card is -$85. Each shirt is -$5. How many shirts did you return?
2. The table shows the highest and lowest golf scores for your cousin and your friend over the summer. Find the ranges of golf scores for your cousin and your friend. Who has the greater range golf scores

|  |  |  |
| --- | --- | --- |
|  | Your Cousin | Your Friend |
| Highest score | +2 | +8 |
| Lowest score | -2 | -3 |

1. You are hiking on a trail that leads to the top of a mountain. At 12 PM, you reach an elevation of 2,400 feet. At 4PM, you reach an elevation of 6,900 feet. What is your mean hourly change in elevation?